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NMRI REPORT. FEBRUARY 1989.
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NMRI REPORT. FEBRUARY 1989. 58 PP.
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 JOURNAL OF BACTERIOLOGY 1989 JUN;171(6):3031-8
 INFECTIOUS DISEASES
 3M161102BS13.AK111 (DA313955) REPORT NO. 4
 BACTERIAL PROTEINS
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 AD A212 460

NMRI 89-0042 JUNE CH LEDBETTER JA LINDSTEN T
 THOMPSON CB
 EVIDENCE FOR THE INVOLVEMENT OF THREE DISTINCT SIGNALS IN
 THE INDUCTION OF IL-2 GENE EXPRESSION IN HUMAN
 T LYMPHOCYTES.
 JOURNAL OF IMMUNOLOGY 1989 JUL 1;143(1):153-61
 IMMUNOBIOLOGY AND TRANSPLANTATION
 M0095.003.1007 (DN677130) REPORT NO.64
 GENE EXPRESSION REGULATION
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NMRI 89-0043 HOFFMAN SL ISENBARGER D LONG GW
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 BALLOU WR
 SPOROZOITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL
 ELIMINATION OF MALARIA FROM HEPATOCYTES.
 SCIENCE 1989 JUN 2;244(4908):1078-81
 INFECTIOUS DISEASES
 3M162770A870.AN121 (DA317827) REPORT NO. 8

IMMUNIZATION
LIVER
MALARIA
PLASMODIUM BERGHEI
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AD A212 641

NMRI 89-0044 SCHROT J THOMAS JR
HUMAN REPEATED ACQUISITION AND PERFORMANCE DURING
DIPHENHYDRAMINE AND COLD AIR EXPOSURE.
NMRI REPORT. APRIL 1989. 9 PP.
ENVIRONMENTAL MEDICINE
M0095.004.1008 (DN246556) REPORT NO. 4
3M463764B995.AB081.1 (DA303502) REPORT NO. 6
COLD
HISTAMINE H1 RECEPTOR BLOCKADERS
AD A212 434

NMRI 89-0045 REED HL KOWALSKI KR D'ALESSANDRO MM
ROBERTSON R LEWIS SB
PROPRANOLOL ACCENTUATES THE COLD INDUCED FALL IN SKIN
TEMPERATURE AND ELEVATION IN BLOOD PRESSURE IN 12
NORMOTENSIVE MEN: A ROLE FOR THE BETA RECEPTOR
IN COLD.
INTERIM REPORT. MARCH 1989. 10 PP.
ENVIRONMENTAL MEDICINE
MM33C30.04.1002 (DN247509) REPORT NO. 1
EPINEPHRINE
HYPERTENSION
NOREPINEPHRINE
AD A212 435

NMRI 89-0046 HESSLINK RL OLSEN RG ALLEN LD
HOMER LD LEWIS SB HARMON V
RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES REWARMING
FROM MILD HYPOTHERMIA.
INTERIM REPORT. MAY 1989. 11 PP.
ENVIRONMENTAL MEDICINE
M0095.004.1008 (DN246556) REPORT NO. 5
BODY TEMPERATURE REGULATION
ELECTROMAGNETICS
EPINEPHRINE
HYPOTHERMIA
NOREPINEPHRINE
AD A212 703

NMRI 89-0047 KINKAD ER HENRY SS KIMMEL EC
FLEMMING CD CULPEPPER BT DOARN CR
WALL RG KUTZMAN RS GRABAU JH
PORVAZNIK M
DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE
HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND
DERMAL EXPOSURE.
NMRI REPORT. JULY 1989. 34 PP.
TOXICOLOGY DETACHMENT
M0096.004.0006 (DN377025) REPORT NO.35
ADMINISTRATION INHALATION
HAZARDOUS SUBSTANCES
RABBITS
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SKIN ABSORPTION
AD A214 779

NMRI 89-0048 SIMPKINS CO MAZOROW DL ALAILIMA ST
 TATE EA JOHNSON M SHARIF K
 SWEAT W MILLAR DB
 PROSTAGLANDIN D2 MODULATES HUMAN NEUTROPHIL INTRACELLULAR
 CALCIUM FLUX AND INHIBITS SUPEROXIDE RELEASE VIA ITS RING
 CARBONYL.
 NMRI REPORT. 1989. 14 PP.
 CASUALTY CARE
 M0095.001.1005 (DN977556) REPORT NO.48
 DINOPROST
 PROSTAGLANDIN D2
 AD A216 240

NMRI 89-0049 SANDERS ME MAKGOBA MW JUNE CH
 YOUNG HA SHAW S
 ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2
 AND CD3 RECEPTOR-MEDIATED ACTIVATION.
 EUROPEAN JOURNAL OF IMMUNOLOGY 1989; 19(5):803-8
 IMMUNOBIOLOGY AND TRANSPLANTATION
 MR04120.001.1011 (DN248525) REPORT NO. 5
 ANTIGENS, DIFFERENTIATION, T-LYMPHOCYTE
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NMRI 89-0050 THYPHRONITIS G TSOKOS GC JUNE CH
 LEVINE AD FINKELMAN FD
 IGE SECRETION BY EPSTEIN-BARR VIRUS-INFECTED PURIFIED HUMAN
 B-LYMPHOCYTES IS STIMULATED BY INTERLEUKIN 4 AND
 SUPPRESSED BY INTERFERON-GAMMA.
 PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE
 UNITED STATES OF AMERICA 1989 JULY;86(14):5580-4
 IMMUNOBIOLOGY AND TRANSPLANTATION
 MM33C30.005.1051 (DN249507) REPORT NO. 3
 B-LYMPHOCYTES
 CELL TRANSFORMATION, VIRAL
 EPSTEIN BARR VIRUS
 IGE
 INTERFERON TYPE II
 INTERLEUKINS
 AD A212 464

NMRI 89-0051 ROTH BL IADAROLA MJ MEHEGAN JP
 JACOBOWITZ DM
 IMMUNOHISTOCHEMICAL DISTRIBUTION OF BETA-PROTEIN KINASE C
 IN RAT HIPPOCAMPUS DETERMINED WITH AN ANTIBODY AGAINST
 A SYNTHETIC PEPTIDE SEQUENCE.
 BRAIN RESEARCH BULLETIN 1989 MAY;22(5):893-7
 CASUALTY CARE
 MR04120.005.1004 (DN247511) REPORT NO.19
 HIPPOCAMPUS
 IMMUNE-SERA
 PEPTIDE FRAGMENTS
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NMRI 89-0052 CARCILLO JA LITTEN RZ ROTH BL
NOREPINEPHRINE-INDUCED PHOSPHORYLATION OF A 25 KD
PHOSPHOPROTEIN IN RAT AORTA IS ALTERED IN INTRAPERITONEAL
SEPSIS.
CIRCULATORY SHOCK 1989 JUL;28(3):257-65
CASUALTY CARE
MR04120.005.1004 (DN247511) REPORT NO.20
AORTA
NOREPINEPHRINE
PHOSPHOPROTEINS
SEPTICEMIA
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AD A212 463

NMRI 89-0053 WATSON LP KANG YH FALK MC
CYTOCHEMICAL PROPERTIES OF OSTEOBLAST CELL MEMBRANE
DOMAINS.
JOURNAL OF HISTOCHEMISTRY AND CYTOCHEMISTRY 1989 AUG;37(8):
1235-46
CASUALTY CARE
MR0001.001.1366 (DN248527) REPORT NO. 1
OSTEOBLASTS
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AD A212 725

NMRI 89-0054 DOBSON ME AZAD AF DASCH GA
WEBB L OLSON JG
DETECTION OF MURINE TYPHUS INFECTED FLEAS WITH AN
ENZYME-LINKED IMMUNOSORBENT ASSAY.
AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE
1989 MAY;40(5):521-8
INFECTIOUS DISEASES
3M162770A870.AQ120 (DA313964) REPORT NO. 3
ANTIGENS, BACTERIAL
ENZYME LINKED IMMUNOSORBENT ASSAY
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INSECT VECTORS
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AD A212 694

NMRI 89-0055 HARGIS JB LA RUSSA VF REDMOND J
KESSLER SW WRIGHT DG
AGRANULOCYTOSIS ASSOCIATED WITH "MEXICAN ASPIRIN"
(DIPYRONE): EVIDENCE FOR AN AUTOIMMUNE MECHANISM
AFFECTING MULTIPOTENTIAL HEMATOPOIETIC PROGENITORS.
AMERICAN JOURNAL OF HEMATOLOGY 1989 JUL;31(3):213-5
IMMUNOBIOLOGY AND TRANSPLANTATION
M0095.003.1007 (DN677130) REPORT NO.65
AGRANULOCYTOSIS
AMINOPYRINE
AUTOANTIBODIES
DIPYRONE
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AD A212 944

NMRI 89-0056 BRUNSWICK M JUNE CH FINKELMAN PD
MOND JJ

DIFFERENT PATTERNS OF INOSITOL POLYPHOSPHATE PRODUCTION
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BY ANTI-IG ANTIBODY OR BY A MULTIVALENT ANTI-IG ANTIBODY
DEXTRAN CONJUGATE.

JOURNAL OF IMMUNOLOGY 1989 SEPT 1;143(5):1414-21

IMMUNOBIOLOGY AND TRANSPLANTATION

M0095.003.1007 (DN677130) REPORT NO.66

ANTIBODIES, ANTI IDIOTYPIC

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NMRI 89-0057 WINGARD JR PIAANTADOSI S VOGELSANG GB
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BESCHORNER WE CAHILL RA MILLER DF
HARRISON D SARAL R SANTOS GW
PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST
DISEASE AFTER BONE MARROW TRANSPLANTATION.
BLOOD 1989 SEPT;74(4):1428-35
IMMUNOBIOLOGY AND TRANSPLANTATION
N.A.
BONE MARROW
GRAFT-VS-HOST DISEASE
AD A213 034

NMRI 89-0058 PROCEEDINGS OF THE 17TH CONFERENCE ON TOXICOLOGY --
3-5 NOVEMBER 1987.
NMRI REPORT. SEPTEMBER 1989.
TOXICOLOGY DETACHMENT
M0096.004.006 (DN377025) REPORT NO.36
ACETONES
CHOLINESTERASE INHIBITORS
MODELS, BIOLOGICAL
NEOPLASMS
AD A215 076

NMRI 89-0059 MITTLEMAN KD DOUBT TJ GRAVITZ M
USE OF SELF-INDUCED HYPNOSIS TO MODIFY THERMAL BALANCE
DURING COLD WATER IMMERSION.
NMRI REPORT. JULY 1989.
DIVING MEDICINE
M0099.01A.1003 (DN377011) REPORT NO. 5
BODY TEMPERATURE
EXERCISE
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AD A216 156

NMRI 89-0060 JOHNSON AH FANG-TANG T ROSEN-BRONSON S
ROBBINS FM STEINER N HARTZMAN RJ
GREGERSEN PK SILVER J ZIFF B
HURLEY CK
DR3 HETEROGENEITY IN AMERICAN BLACKS.
IN: IMMUNOBIOLOGY OF HLA. VOL.II: IMMUNOGENETICS AND
HISTOCOMPATIBILITY. EDITED BY BO DUPONT. NEW YORK:
SPRINGER-VERLAG, 1989. PP. 202-3
IMMUNOBIOLOGY AND TRANSPLANTATION

M0095.003.1007 (DN677130) REPORT NO.71
 HISTOCOMPATIBILITY ANTIGENS CLASS II
 HLA-DR3 ANTIGEN
 AD A214 365

NMRI 89-0061 HURLEY CK STEINER N GREGERSEN P
 SILVER J HARTZMAN R NEPOM G
 JOHNSON AH
 EVOLUTION OF DQW2-RELATED HAPLOTYPES.
 IN: IMMUNOBIOLOGY OF HLA. VOL.II: IMMUNOGENETICS AND
 HISTOCOMPATIBILITY. EDITED BY BO DUPONT. NEW YORK:
 SPRINGER-VERLAG, 1989. PP.283-5
 IMMUNOBIOLOGY AND TRANSPLANTATION
 M0095.003.1007 (DN677130) REPORT NO.67
 EVOLUTION
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 HLA-DQ ANTIGENS
 AD A214 366

NMRI 89-0062 LEE KW JOHNSON AH TANG T
 STEINER N ROBBINS FM HARTZMAN R
 HURLEY CK
 DRW6 POLYMORPHISM IN AMERICAN BLACKS.
 IN: IMMUNOBIOLOGY OF HLA. VOL.II: IMMUNOGENETICS
 AND HISTOCOMPATIBILITY. EDITED BY BO DUPONT. NEW YORK:
 SPRINGER-VERLAG, 1989. PP.217-8
 IMMUNOBIOLOGY AND TRANSPLANTATION
 M0095.003.1007 (DN677130) REPORT NO.68
 HISTOCOMPATIBILITY ANTIGENS CLASS II
 HLA-D ANTIGENS
 HLA-DR6 ANTIGEN
 AD A214 360

NMRI 89-0063 ZIFF BL HURLEY CK ROSEN-BRONSON S
 TANG T HARTZMAN R SILVER J
 GREGERSEN P ECKELS D JOHNSON AH
 POLYMORPHISM OF THE DR1 HAPLOTYPE: STRUCTURAL AND
 FUNCTIONAL ANALYSIS.
 IN: IMMUNOBIOLOGY OF HLA. VOL.II: IMMUNOGENETICS AND
 HISTOCOMPATIBILITY. EDITED BY BO DUPONT. NEW YORK,
 SPRINGER-VERLAG, 1989. PP.187-9
 IMMUNOBIOLOGY AND TRANSPLANTATION
 M0095.003.1007 (DN677130) REPORT NO.69
 HAPLOTYPES
 HISTOCOMPATIBILITY ANTIGENS CLASS II
 HLA ANTIGENS
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 AD A214 361

NMRI 89-0064 MICKELSON E REINSMOEN N ROBBINS FM
 HARTZMAN R ODUM N SVEJGAARD A
 FARRELL C HONEYMAN M FLOMENBERG N
 SELL T ECKELS D
 HLA-DW AND HLA-DP TYPING OF THE REFERENCE PANEL OF
 B-LYMPHOBLASTOID CELL LINES.
 IN: IMMUNOBIOLOGY OF HLA. VOL.I: HISTOCOMPATIBILITY TESTING.
 EDITED BY BO DUPONT. NEW YORK, SPRINGER VERLAG, 1989.
 PP.38-42
 IMMUNOBIOLOGY AND TRANSPLANTATION
 M0095.003.1007 (DN677130) REPORT NO.70

HISTOCOMPATIBILITY ANTIGENS CLASS II
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- NMRI 89-0065 JUNE CH LINETTE GP FLETCHER MC
HARTZMAN RJ
ROLE OF THE CD4 RECEPTOR IN HUMAN T-LYMPHOCYTE SIGNALLING:
EFFECTS OF HIV-1 INFECTION ON HUMAN T CELL ACTIVATION.
IN: CHEMICAL PROPULSION INFORMATION AGENCY PUBLICATION 517,
VOL 1. LAUREL MD: THE JOHNS HOPKINS UNIVERSITY, APPLIED
PHYSICS LABORATORY, JUNE 1989. PP.165-76
IMMUNOBIOLOGY AND TRANSPLANTATION
MR0001.001.1373 (DN248533) REPORT NO. 2
HIV-1
T-LYMPHOCYTES
T4-LYMPHOCYTES
AD A214 239
- NMRI 89-0066 GILMAN SC COLTON JS DUTKA AJ
PRESSURE-DEPENDENT CHANGES IN THE RELEASE OF GABA BY
CEREBROCORTICAL SYNAPTOSOMES.
UNDERSEA BIOMEDICAL RESEARCH 1989 MAY;16(3):253-8
DIVING MEDICINE
MR04101.01.1005 (DN277001) REPORT NO.20
ATMOSPHERIC PRESSURE
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- NMRI 89-0067 GARTNER SL WILLIAMS TJ
EFFECT OF D-MANNOSE ON THYMOCYTE PROLIFERATION INDUCED
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IN: CHEMICAL PROPULSION INFORMATION AGENCY PUBLICATION 517,
VOL 1. LAUREL MD: THE JOHNS HOPKINS UNIVERSITY, APPLIED
PHYSICS LABORATORY, JUNE 1989. PP. 299-305
CASUALTY CARE
MR04120.005.1004 (DN247511) REPORT NO.22
INTERLEUKIN 1
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AD A214 528
- NMRI 89-0068 COLLINS WE NUSSENZWEIG RS BALLOU WR
RUEBUSH TK II NARDIN EH CHULAY JD
MAJARIAN WR YOUNG JF WASSERMAN GF
BATHURST I GIBSON HL BARR PJ
HOFFMAN SL WASSERMAN SS BRODERSON JR
SKINNER JC PROCELL PH FILIPSKI VK
WILSON CL
IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH
RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE
PROTEIN OF PLASMODIUM VIVAX.
AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE 1989 MAY;
40(5):455-64
INFECTIOUS DISEASES
3M161102BS13.AK111 (DA313955) REPORT NO. 5
ANTIGENS, PROTOZOAN
ANTIGENS, SURFACE

MALARIA
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AD A214 375

- NMRI 89-0069 DUTKA AJ KOCHANEK PM HALLENBECK JM
INFLUENCE OF GRANULOCYTOPENIA ON CANINE CEREBRAL ISCHEMIA
INDUCED BY AIR EMBOLISM.
STROKE 1989 MAR;20(3):390-5
DIVING MEDICINE
MR04101.01.1005 (DN277001) REPORT NO.21
AGRANULOCYTOSIS
CEREBRAL EMBOLISM AND THROMBOSIS
CEREBRAL ISCHEMIA
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- NMRI 89-0070 FRANCIS TJ DUTKA AJ
METHYL PREDNISOLONE IN THE TREATMENT OF ACUTE SPINAL CORD
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UNDERSEA BIOMEDICAL RESEARCH 1989 MAR;16(2):165-74
DIVING MEDICINE
M0099.01C.1007 (DN977438) REPORT NO.14
DECOMPRESSION SICKNESS
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AD A214 525
- NMRI 89-0071 THALMANN ED
TESTING OF REVISED UNLIMITED-DURATION UPWARD EXCURSIONS
DURING HELIUM-OXYGEN SATURATION DIVES.
UNDERSEA BIOMEDICAL RESEARCH 1989 MAY;16(3):195-218
DIVING MEDICINE
N.A.
ATMOSPHERIC PRESSURE
DIVING
AD A214 527
- NMRI 89-0072 CAMPBELL JR
DNA SEQUENCE OF THE GENE ENCODING A PLASMODIUM FALCIPARUM
MALARIA CANDIDATE VACCINE ANTIGEN.
NUCLEIC ACIDS RESEARCH 1989 JUL 25;17(14):5854
INFECTIOUS DISEASES
3M162770A870.AN121 (DA317827) REPORT NO. 9
ANIMAL
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AD A214 371
- NMRI 89-0073 LOGAN SM GUERRY P ROLLINS DM
BURR DH TRUST TJ
IN VIVO ANTIGENIC VARIATION OF CAMPYLOBACTER FLAGELLIN.
INFECTION AND IMMUNITY 1989 AUG;57(8):2583-5
INFECTIOUS DISEASES
3M162770A870.AN121 (DA317827) REPORT NO.10
ANTIGENIC VARIATION
ANTIGENS, BACTERIAL

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NMRI 89-0074 GALLOWAY DR HEDSTROM RC MCGOWAN JL
KESSLER SP WOZNIAK DJ
BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL
PSEUDOMONAS AERUGINOSA EXOTOXIN A.
JOURNAL OF BIOLOGICAL CHEMISTRY 1989 SEPT 5;264(25):
14869-73
INFECTIOUS DISEASES
3M463750D808.A3062 (DA301567) REPORT NO.21
ANIMAL
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NMRI 89-0075 HYAMS KC ESCAMILLA J PAPADIMOS TJ
GONZALES PG LOZADA R MACARENO E
BONILLA N MARTINEZ FD
HIV INFECTION IN A NON-DRUG ABUSING PROSTITUTE POPULATION.
(LETTER)
SCANDINAVIAN JOURNAL OF INFECTIOUS DISEASES 1989;21:353-4
INFECTIOUS DISEASES
3M162770A870.AR122 (DA301566) REPORT NO. 6
ACQUIRED IMMUNODEFICIENCY SYNDROME
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AD A214 376

NMRI 89-0076 HYAMS KC PALINKAS LA BURR RG
VIRAL HEPATITIS IN THE US NAVY, 1975-1984.
AMERICAN JOURNAL OF EPIDEMIOLOGY 1989 AUG;130(2):319-26
INFECTIOUS DISEASES
3M162770A870.AR122 (DA301566) REPORT NO. 7
HEPATITIS, VIRAL, HUMAN
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NMRI 89-0077 LONG GW LEATH S SCHUMAN R
HOLLINGDALE MR BALLOU WR SIM BK
HOFFMAN SL
CULTIVATION OF THE EXOERYTHROCYTIC STAGE OF PLASMODIUM
BERGHEI IN PRIMARY CULTURES OF MOUSE HEPATOCYTES AND
CONTINUOUS MOUSE CELL LINES.
IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY 1989 SEPT;
25(9):857-62
INFECTIOUS DISEASES
3M161102BS13.AK111 (DA313955) REPORT NO. 6
LIVER
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AD A214 374

NMRI 89-0078 NUDELMAN S RENIA L CHAROENVIT Y

IMRI 89-0079 DASCH GA
LINE BLOT AND WESTERN BLOT IMMUNOASSAYS FOR DIAGNOSIS
OF MEDITERRANEAN SPOTTED FEVER.
JOURNAL OF CLINICAL MICROBIOLOGY 1989 SEPT;27(9):2073-9
INFECTIOUS DISEASES
3M162770A870.AQ120 (DA313964) REPORT NO. 4
ANTIBODIES, BACTERIAL
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AD A214 363

IMRI 99-0080 MILLER DR CHANG H
HEMOLYTIC ANEMIAS: MEMBRANE DEFECTS.
IN: BLOOD DISEASES OF INFANCY AND CHILDHOOD: IN THE
TRADITION OF C.H. SMITH. EDITED BY DENIS R. MILLER.
ST. LOUIS: C.V. MOSBY, 1989. PP.261-93
IMMUNOBIOLOGY AND TRANSPLANTATION
N.A.
ERYTHROCYTES
HEMATOLOGIC DISEASES
HEMOLYSIS
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AD A214 529

IMRI 89-0081 MONROY RL SKELLY RR DAVIS TA
DONAHUE RE MACVITTIE TJ
PRIMATE STUDIES WITH COMBINED GROWTH FACTOR THERAPIES.
IN: AUTOLOGOUS BONE MARROW TRANSPLANTATION: PROCEEDINGS
OF THE FOURTH INTERNATIONAL SYMPOSIUM. EDITED BY KA DICKE
ET AL. HOUSTON, UNIVERSITY OF TEXAS, MD ANDERSON CANCER
CENTER, 1989. PP. 645-50
IMMUNOBIOLOGY AND TRANSPLANTATION
M0095.003.1007 (DN677130) REPORT NO.72
BONE MARROW
DRUG THERAPY, COMBINATION
GROWTH SUBSTANCES
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IMRI 89-0082 BRUNSWICK M JUNE CH FINKELMAN FD
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SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE
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IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL
ACTIVATION.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES 1989 SEPT:

86(17):6724-8
IMMUNOBIOLOGY AND TRANSPLANTATION
MR04120.001.1011 (DN248525) REPORT NO. 6
B-LYMPHOCYTES
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NMRI 89-0083 BARRETT JE ZHANG L AHLERS ST
WOJNICKI FH
ACUTE AND CHRONIC EFFECTS OF CORTICOTROPIN-RELEASING
FACTOR ON SCHEDULE-CONTROLLED RESPONDING AND
NEUROCHEMISTRY OF PIGEONS.
JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS
1989 SEP;250(3):788-94
ENVIRONMENTAL MEDICINE
N.A.
BEHAVIOR, ANIMAL
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AD A214 834

NMRI 89-0084 GLEESON S AHLERS ST MANSBACH RS
FOUST JM BARRETT JE
BEHAVIORAL STUDIES WITH ANXIOLYTIC DRUGS. VI. EFFECTS ON
PUNISHED RESPONDING OF DRUGS INTERACTING WITH SEROTONIN
RECEPTOR SUBTYPES.
JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS
1989 SEP;250(3):809-17
ENVIRONMENTAL MEDICINE
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NMRI 89-0085 SPITZER JA RODRIGUEZ EB DEACIUC IV
ROTH BL HERMILLER JB MEHEGAN JP
RECEPTOR CHANGES IN ENDOTOXEMIA.
PROGRESS IN CLINICAL AND BIOLOGICAL RESEARCH 1989; 299:
95-106
CASUALTY CARE
M0095.001.1005 (DN977556) REPORT NO.49
DOGS
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NMRI 89-0086 JUNE CH JACKSON KM LEDBETTER JA
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JOURNAL OF AUTOIMMUNITY 1989 JUNE; 2 SUPPL:55-65
IMMUNOBIOLOGY & TRANSPLANTATION
MR04120.001.1011 (DN248525) REPORT NO. 7

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NMRI 89-0087 REED HL PEPPER S ARMSTRONG D
VON TERSCH FJ LEWIS SB
OXYGEN SATURATION OF BRACHIAL VENOUS BLOOD CORRELATES
WITH FINGERTIP TEMPERATURES BETWEEN 11 AND 39 DEGREES
CENTIGRADE.
AVIATION, SPACE, AND ENVIRONMENTAL MEDICINE 1989 NOV;
60(11):1068-71
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MM33C30.04.1002 (DN247509) REPORT NO. 2
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JOURNAL OF APPLIED PHYSIOLOGY 1989 SEP;67(3):1208-12
ENVIRONMENTAL MEDICINE
M0095.004.1008 (DN246556) REPORT NO. 7
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NMRI REPORT. NOVEMBER 1989. 69 PP.
DIVING MEDICINE
M0099.01B.1005 (DN477506) REPORT NO. 4
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AMERICAN JOURNAL OF THE MEDICAL SCIENCES 1989 OCT;298(4)
:227-36
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MM33C30.01.1001 (DN246558) REPORT NO. 4
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AVIATION, SPACE, AND ENVIRONMENTAL MEDICINE 1989 NOV;
60(11):1063-7
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NMRI REPORT. DECEMBER 1989. 65 PP.
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3M161102BS13.AK111 (DA313955) REPORT NO. 8
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NMRI REPORT. DECEMBER 1989. 19 PP.
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M0095.004.1008 (DN246556) REPORT NO. 9
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NMRI REPORT. DECEMBER 1989. 58 PP.
DIVING MEDICINE
M0099.01A.1003 (DN377011) REPORT NO. 6
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NMRI 89-0095 FLYNN BM BROWN PA ECKSTEIN JM
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LABORATORY ANIMAL SCIENCE 1989 SEP;39(5):461-3
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| | | | |
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| NMRI 89-0096 | GOOD MF MILLER LH T-CELL ANTIGENIC SITES OF THE MALARIA CIRCUMSPOROZOITE PROTEIN. BLOOD 1989 AUG 15;74(3):895-900 INFECTIOUS DISEASES N.A. ANIMAL ANTIGENS, DIFFERENTIATION, T-LYMPHOCYTE ANTIGENS, PROTOZOAN ANTIGENS, SURFACE PLASMODIUM FALCIPARUM AD A216 927 | KUMAR S | WEISS WR |
| NMRI 89-0097 | GROVES MG CHARACTERIZATION OF FACTORS DETERMINING RICKETTSIA TSUTSUGAMUSHI PATHOGENICITY FOR MICE. INFECTION AND IMMUNITY 1989 MAY;57(5):1476-82 INFECTIOUS DISEASES N.A. MICE RICKETTSIA TSUTSUGAMUSHI SCRUB TYPHUS AD A216 928 | KELLY DJ | |
| NMRI 89-0098 | OAKS EV STOVER CK ANTIGENIC AND GENETIC RELATEDNESS OF EIGHT RICKETTSIA TSUTSUGAMUSHI ANTIGENS. INFECTION AND IMMUNITY 1989 OCT;57(10):3116-22 INFECTIOUS DISEASES N.A. ANTIGENS, BACTERIAL BACTERIAL PROTEINS GENES, BACTERIAL RICKETTSIA TSUTSUGAMUSHI AD A216 929 | RICE RM | KELLY DJ |
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| NMRI 89-0100 | GUBA SC JUNE CH REGULATION OF INTERLEUKIN 3 GENE INDUCTION IN NORMAL HUMAN T CELLS. JOURNAL OF CLINICAL INVESTIGATION 1989 DEC;84(6):1701-6 IMMUNOBIOLOGY AND TRANSPLANTATION M0095.003.1007 (DN677130) REPORT NO.73 GENE EXPRESSION REGULATION INTERLEUKIN 3 T-LYMPHOCYTES AD A217 521 | STELLA G THOMPSON CB | TURKA LA EMERSON SG |

NMRI 89-0101 HYAMS KC
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 TROPICAL AND GEOGRAPHICAL MEDICINE 1989 JUL;41(3):185-9
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 JOURNAL OF CLINICAL INVESTIGATION 1989 JAN;83(1):243-51
 INFECTIOUS DISEASES
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 MICROBIOLOGIC AND CLINICAL STUDY OF ACUTE DIARRHEA IN
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 SCANDINAVIAN JOURNAL OF INFECTIOUS DISEASES 1989;21(1):
 59-65
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 ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH
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 CHEST 1989 MAR; 95(3): 616-22
 ENVIRONMENTAL MEDICINE
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 ASM NEWS 1989;55(6):291
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AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE 1989 NOV;
41(5):499-503
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3M161102BS13.AK111 (DA313955) REPORT NO.10
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- NMRI 89-0107 CAMPBELL JR
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NMRI REPORT. 1989. 6 PP.
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NMRI REPORT. SEPTEMBER 1989. 11 PP.
DIVING MEDICINE
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AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE 1989 FEB;
40(2):200-6
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- NMRI 89-0110 GILMAN SC COLTON JS DUTKA AJ
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EXPERIMENTAL BRAIN RESEARCH 1989; 78(1):179-84
DIVING MEDICINE
M0099.01C.1010 (DN246544) REPORT NO. 2
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 UNDERSEA BIOMEDICAL RESEARCH 1989 NOV;16(6):439-51
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 M0099.01C.1053 (DN249505) REPORT NO. 1
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 JOURNAL OF APPLIED PHYSIOLOGY 1989 OCT;67(4):1354-63
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 M0099.01A.1002 (DN177792) REPORT NO.18
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 JOURNAL OF IMMUNOLOGY 1989 DEC 15; 143(12):4263-6
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 3M473750D808.AQ133 (DA301569) REPORT NO.15
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NMRI 89-0114 GRUBER DF D'ALESSANDRO MM WALDEN TL JR
 IN VITRO EFFECTS OF LEUKOTRIENE B4 (LTB4) ON CANINE PMN
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 AGENTS AND ACTIONS 1989 NOV;28(3-4):256-63
 ENVIRONMENTAL MEDICINE
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NMRI 89-0115 TYREE B
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 JOURNAL OF BONE AND MINERAL RESEARCH 1989 DEC;4(6):877-83
 CASUALTY CARE
 M0001.001.1366 (DN248527) REPORT NO.3
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 HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN.
 AIDS 1989 NOV;3(11):725-9
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 TISSUE & CELL 1989;21(6):813-23
 CASUALTY CARE
 MR04120.01.1002 (DN077684) REPORT NO.12
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 BIOTHERAPY 1989;1:301-11
 IMMUNOBIOLOGY AND TRANSPLANTATION
 M0095.003.1007 (DN677130) REPORT NO.77
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 JOURNAL OF IMMUNOLOGICAL METHODS 1989 DEC 20;125(1-2):57-65
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 3M162770A870.AQ120 (DA313964) REPORT NO. 5
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 ENZYME 1989;42(4):197-208
 CASUALTY CARE
 M0095.001.1005 (DN977556) REPORT NO.51
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1989 U.S. NAVY SYMPOSIUM ON ARCTIC/COLD WEATHER
OPERATIONS OF SURFACE SHIPS. VOL 1. PP. 217-21.
ENVIRONMENTAL MEDICINE
MR00001.001.1375 (DN249521) REPORT NO.1
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INFECTION AND IMMUNITY 1989 AUG;57(8):2495-2501
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AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE 1989;
41(6):726-31
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JOURNAL OF THE NATIONAL MEDICAL ASSOCIATION 1989 NOV;
81(11):1149-53
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MILITARY MEDICINE 1989 FEB;154(2):90-3
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NMRI REPORT. SEPTEMBER 1989.
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